

FORM PTQ-1449	Atty. Docket No. ATM-213	Serial No. 10/615,476
LIST OF PRIOR ART CITED BY APPLICANT	Applicants: Vincent Dupaquis et al.	
	Filing Date: July 7, 2003	Group: 2124



## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Publ. Date	Name	Class	Sub Class	Filing Date
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## FOREIGN PATENT DOCUMENTS

Examiner Initial*	Document Number	Publ. Date	Country	Class	Sub Class	Translation Yes No
AK						
AL						
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AN						

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

TM	AO	J. Garcia et al., "A Combined 16-Bit Binary and Dual Galois Field Multiplier," IEEE Workshop on Signal Processing Systems, October 16, 2002, pages 63-38, XP-10616578.
TM	AP	W. Drescher et al., "VLSI Architectures for Multiplication in GF (2 <sup>m</sup> ) for Application Tailored Digital Signal Processors", 1996 IEEE, pages 55-64, XP-000827643.
TM	AQ	K.C. Bickerstaff et al., "Parallel Reduced Area Multipliers", Journal of VLSI Signal Processing Systems, April 1995, Dordrecht, NL, pages 181-191, XP 000525881.

EXAMINER:

/Tan Mai/

DATE CONSIDERED:

06/27/2006

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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TM	AO	Luigi Dadda, "Composite Parallel Counters", IEEE Transactions on Computers, Vol. C-29, No. 10, October 1980, pages 942-946, XP-000757822.
	AP	
	AQ	

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	AH					
	AI					
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
TM	AJ	C.S. Wallace, "A Suggestion for a Fast Multiplier", IEEE Transaction on Electronic Computers, February, 1964, pages 14-17.				
TM	AK	M.J. Sebastian Smith, "Application-Specific Integrated Circuits", Addison-Wesley, 1987, 5 pages.				
TM	AL	Website printout: vlsi.wpi.edu/webcourse, D. Mlynek and Y. Leblebici, Design of VLSI Systems, "Arithmetic For Digital Systems", Chapter 6, 1998, 39 pages.				
TM	AM	Paper by Dadda, (from a paper presented at the Colloque sur l'Algebre de Boole, Grenoble France, Jan. 1965.) (no copy enclosed)				
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# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
 Stylesheet Version v18.0

<b>Title of Invention</b>	<b>COMBINED POLYNOMIAL AND NATURAL MULTIPLIER ARCHITECTURE</b>
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Application Number: 10/615476


Confirmation Number: 9327

First Named Applicant: Vincent Dupaquis

Attorney Docket Number: ATM-213

Art Unit: 2124

Search string: ( 4037093 or 4251875 or 4797848 or 4847801  
 or 4875211 or 4918638 or 5046037 or 5414719  
 or 5502665 or 5602767 or 5642367 or 5768168  
 or 5812438 or 5951677 or 5999959 or 6003057  
 or 6026420 or 6101520 or 6134572 or 6138134  
 or 6252959 or 6314186 or 6314187 ).pn.



### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
✓	1	4037093	1977-07-19	Gregg et al.	A1	235	164
	2	4251875	1981-02-17	Marver et al.	A1	364	754
	3	4797848	1989-01-10	Walby	A1	364	754
	4	4847801	1989-07-11	Walby	A1	364	746.1
	5	4875211	1989-10-17	Murai et al.	A1	371	40.1
	6	4918638	1990-04-17	Matsumoto et al.	A1	364	746.1
	7	5046037	1991-09-03	Cognault et al.	A1	364	746.1
	8	5414719	1995-05-09	Iwaki et al.	A1	371	37.1
	9	5502665	1996-03-26	Im	A1	364	746.1
	10	5602767	1997-02-11	Fettweis et al.	A1	364	746.1
	11	5642367	1997-06-24	Kao	A1	371	40.1
	12	5768168	1998-06-16	Im	A1	364	746.1
	13	5812438	1998-09-22	Lan et al.	A1	364	746.1
	14	5951677	1999-09-14	Wolf et al.	A1	712	228
✓	15	5999959	1999-12-07	Weng et al.	A1	708	492



<input checked="" type="checkbox"/>	16	6003057	1999-12-14	Dworkin et al.	A1	708	492
<input type="checkbox"/>	17	6026420	2000-02-15	DesJardins et al.	A1	708	492
<input type="checkbox"/>	18	6101520	2000-08-08	Lan et al.	A1	708	492
<input type="checkbox"/>	19	6134572	2000-10-17	Wolf et al.	A1	708	492
<input type="checkbox"/>	20	6138134	2000-10-24	Matsuo	A1	708	492
<input type="checkbox"/>	21	6252959	2001-06-26	Paar et al.	A1	380	28
<input type="checkbox"/>	22	6314186	2001-11-06	Lee et al.	A1	380	28
<input checked="" type="checkbox"/>	23	6314187	2001-11-06	Menkhoff et al.	A1	380	28

Signature

Examiner Name	Date
<i>Mani</i>	6/27/06